Installation Status Report Overview

Key Points of This Presentation

- A general understanding of the Installation Status Report (ISR)
- ISR can be used to help manage Army installations
- How the ISR supports installation funding requirements
- Army-wide benefits of using the ISR

Army Times

13 February 2001

SPECIAL REPORT
WHY YOUR POST IS FALLING APART
1-8

Can the military keep its walls from crumbling down?

FALLING APART?

Shortfall, complex fixes slow maintenance progress

“For many years the Army has leveraged its warfighting readiness on the backs of its soldiers and their families. For years it has mortgaged it's modernization programs and deferred revitalization in order to pay for training to defend and maintain our way of life.”

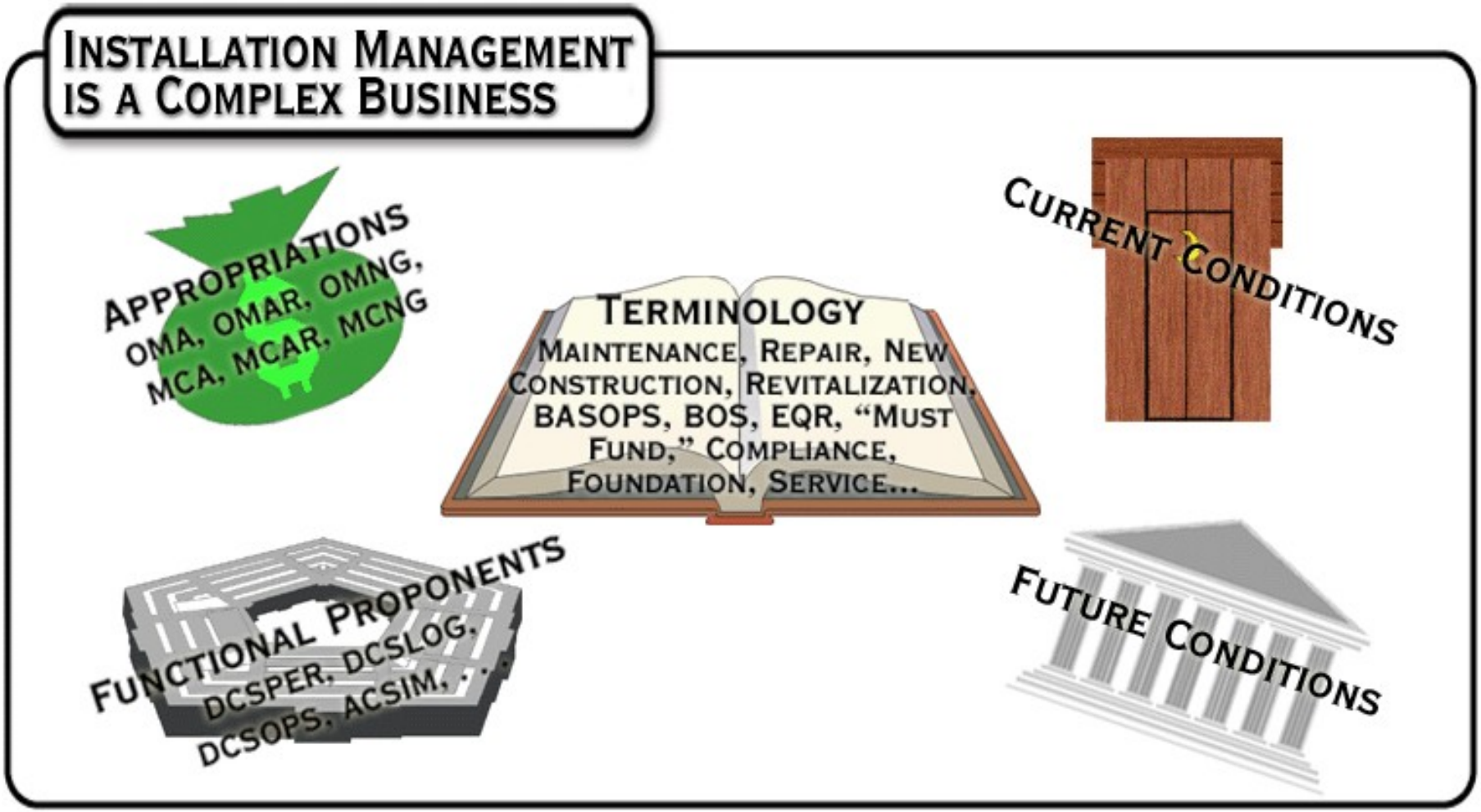
CSA address to the Senate Armed Services Committee SEP 2000

VISION

To have all Army installations provide quality, effective, efficient and consistent support to the warfighter.

- Garrison commanders/State TAGs are in a unique position to apply resources where they will make a difference.
- Resources that *are* available generate fierce competition in terms of their allocation.
- ISR helps to build the best case for securing resources.

ISR is a Tool That Can Help


INSTALLATION MANAGEMENT IS A COMPLEX BUSINESS
APPROPRIATIONS
OMA, OMAR, OMNG, MCA, MCAR, MCNG
TERMINOLOGY
MAINTENANCE, REPAIR, NEW CONSTRUCTION, REVITALIZATION, BASOPS, BOS, EQR, "MUST FUND," COMPLIANCE, FOUNDATION, SERVICE...
CURRENT CONDITIONS
FUNCTIONAL PROPONENTS
DCSPER, DCSLOG, DCSOPS, ACSIM, . . .
FUTURE CONDITIONS

ISR is a Decision Support System

This Is What 'Sells' In Supporting Requirements

Concept:

Connect Resources to Outcomes Measured Against Standards

Categorize $ Requirements:

- Sustainment of Outcomes
- Improvement of Outcomes

Approach:

Set Standards - ISR

Establish $ Requirement - AIM-HI and

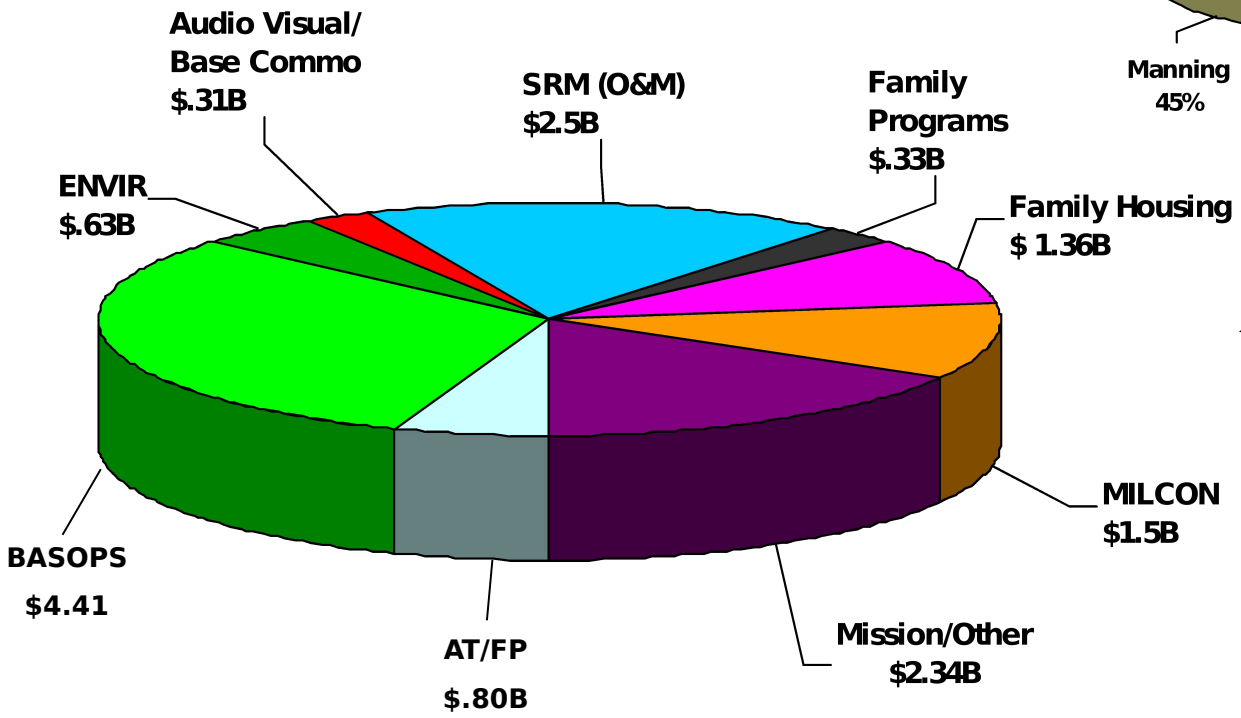
Fund $ Requirement - POM

Measure Outcome - ISR

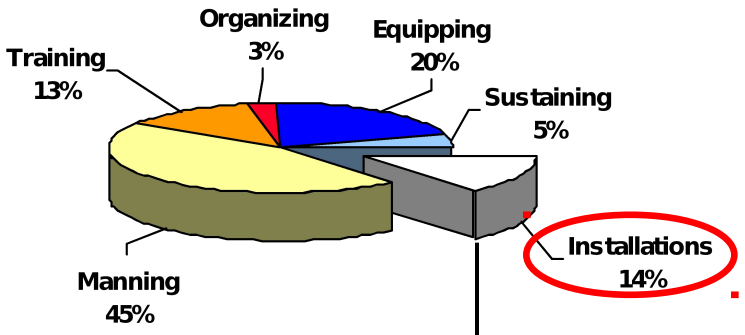
Installation PEG Funding

FY 06 II PEG Funding
Total $14.182B

Data from PB 0607 (LOCK)



Army Funding ($98.6B)



Preparing for the Report

- Report "as is”
- Rate as objectively as possible
- The fair share of discretionary funds
  - the consequence of reporting "as is”
- Resource intensive but relatively short duration

ISR Infrastructure

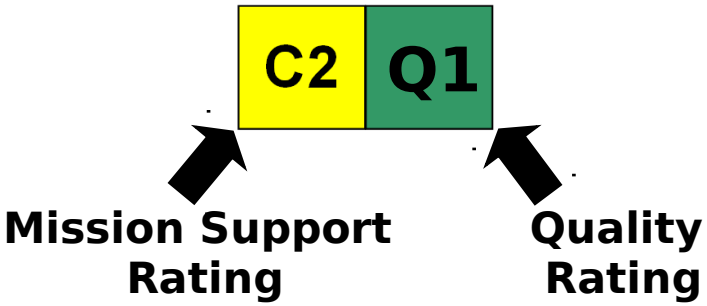
- Army-wide standards to assess the physical condition and readiness of facilities
- Identify substandard or unavailable facilities, which may impact on installation mission
- Identify facility revitalization and construction requirements, and estimate macro-level planning costs consistently
- Helps focus Army future facility investment strategy

Uses of ISR Infrastructure Data

- Supports the Strategic Readiness System
- Helps prioritize MILCON projects at HQDA PRBs
- Input to DD1390 cost for Improvement to C-1
- Informs leadership on installation status prior to visits
- Input to the Facility Degradation Model (FDM)
- Projects the decline of facility conditions due to reduced funding levels
- Enhances the view of real property issues at all levels
- Communicates the extent of substandard or unavailable facilities to Army, OSD, and Congress
- Source of the Army's backlog $ requirement for CFOA
- Provides consistent set of metrics

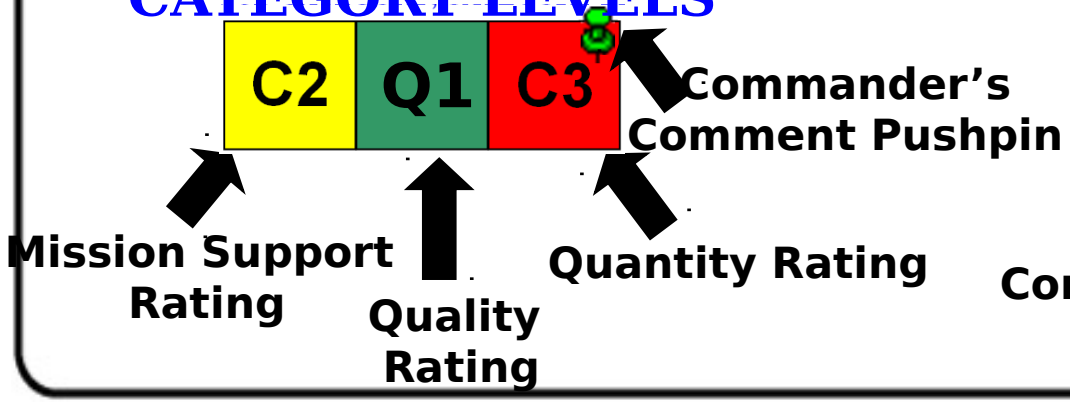
ISR Infrastructure

FACILITY LEVEL

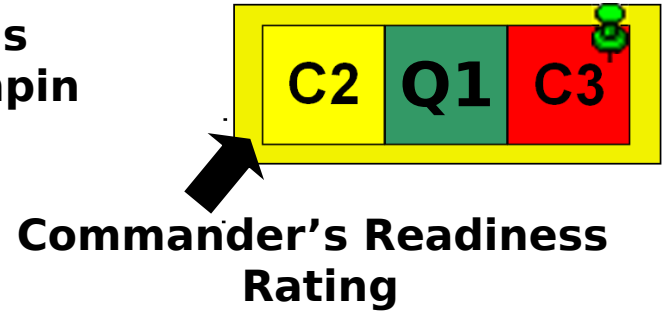


- Based on USR model (C1 through C4)
- Understood throughout the Army
- Provides 'At-a-glance' status
- **Mission Support rating and Commander's Readiness rating were new for 2005**

FCG, SUB-CATEGORY, CATEGORY LEVELS



FACILITY CLASS LEVEL



2005 Infrastructure Ratings

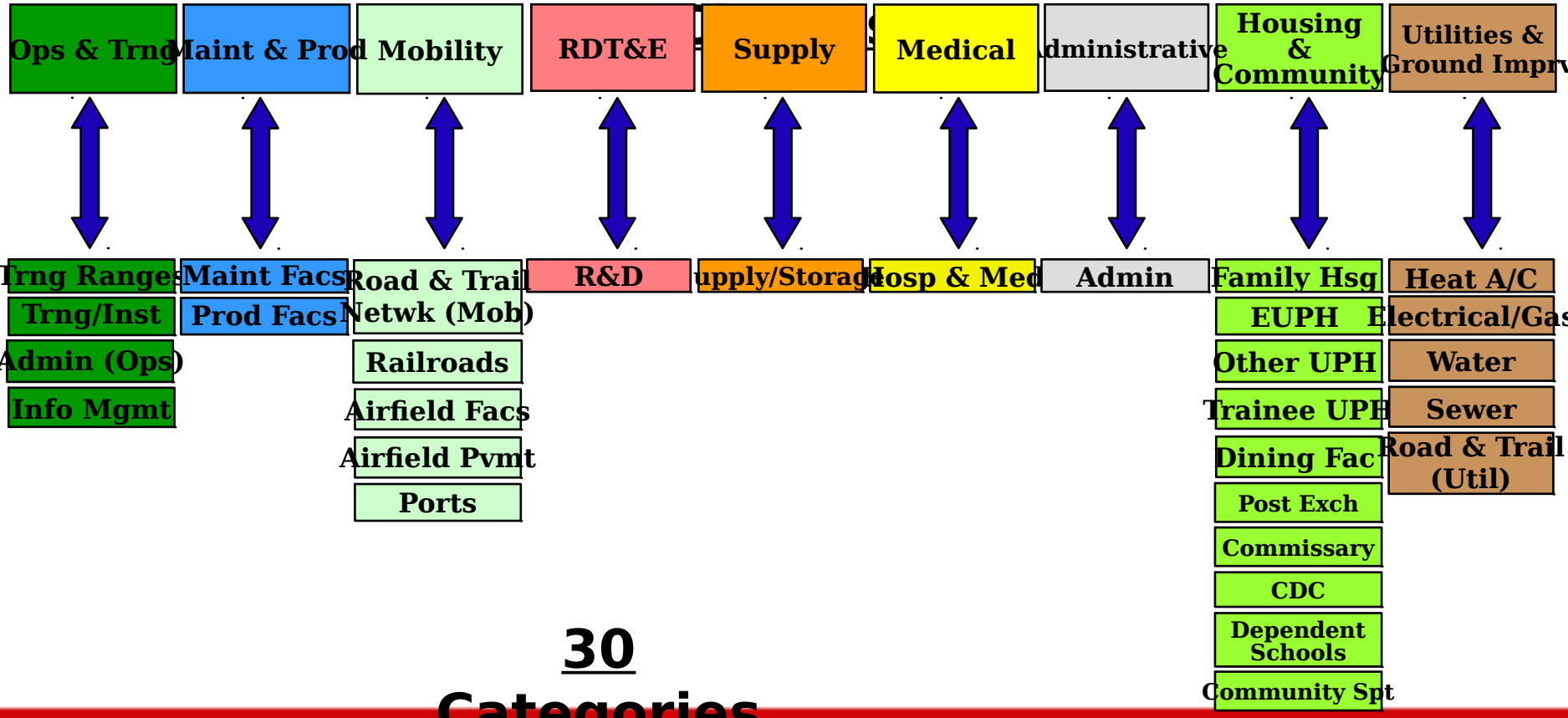
	Ops & Training	Maint &	RDT& E	Supply	Medical	Admin	Hsg &	Util & Grnd Imprv	Mobility
Army Level									
Class Improvement Costs ($M)	Q/C-1 $2,229 $12,430 Q/C-2 $791 $7,666 (qual) / (quan)	Q/C-1 $947 $2,387 $1,624 Q/C-2 $384 (qual) / (quan)	Q/C-1 $354 $255 Q/C-2 $128 $116 (qual) / (quan)	Q/C-1 $2,470 $2,615 Q/C-2 $764 $1,839 (qual) / (quan)	Q/C-1 $222 $601 Q/C-2 $51 $364 (qual) / (quan)	Q/C-1 $105 $2,137 Q/C-2 $160 $1,436 (qual) / (quan)	Q/C-1 $6,696 $13,834 Q/C-2 $1,382 $9,585 (qual) / (quan)	Q/C-1 $2,092 Q/C-2 $1,998 $1,444 (qual) / (quan)	Q/C-1 $2,531 Q/C-2 $1,320 $3,241 (qual) / (quan)
Category Level	Trng Rngs & Areas	Maint Fac	R& D Buildings	Operational Fuel fac	Medical Cntrs Hospitals	BN HQ Trans	Trainee UPH	Heat/AC	Road & Trail Network(Mob
Subcategory Level	Trng/ Instr Fac	Prod Fac	R& D Fac Other than Buildings	Bulk Fuel Facility	Med Support Fac	CO HQ Trans	Family Hsg	Electric/Gas	Railroads
FCG Level Ratings	Admin Fac(Ops&Trng)			Ammo Storage Fac	Veterinary Fac	BDE HQ Trans	Enlisted UPH	Water	Airfield Fac
	Info Mgmnt			Gen Supply &Store Fac	Dental Fac	LCO/SCIF Fac	Other UPH	Sewer	Airfield Pavements
					Dispensary & Clinics	Admin Fac	Binning Fac	Road & Trail Network(Util)	Forts
						UnderGround Admin Fac	Post Exchange		
							Commissary		
							Child Dev		
							Dependent School Fac		
							Community Spt		

Msn Spt | Qual | Quan

⬇⬆ - Quantity C-Rating change from 2004 to 2005

ISR Infrastructure Groupings
Facility Classes & Categories

9 Facility



30 Categories

ISR Natural Infrastructure Redesign

- Provide senior leaders at all levels a tool for evaluating the current environmental compliance posture and measuring capacity and capability of the Army's natural infrastructure assets (Training Land, Water, Air, and Energy) to support the current and future training and war-fighting missions
- Assist in identifying deficiencies in environmental programs, allocating resources, and improving environmental compliance and mission readiness status
- Input HQDA managed programs

ISR Natural Infrastructure Redesign

- Supports Strategic Direction of OSD & Army:
  - Installation Capabilities Council (ICC) Natural Infrastructure Work Group (NIWG)
  - Army Environmental Strategy
  - AR 200-1, Environmental Protection & Enhancement (Draft)

- Redesign uses ‘leading indicators’ that support training and warfighting requirements, while still meeting compliance mandates

ISR Natural Infrastructure Focus

- **Natural Infrastructure is**:

  The environmental and natural resources (land, air, and water) that the Army needs for installations, ranges, training areas, garrisoning of troops, and housing for families

- **ISR Natural Infrastructure focuses on availability, suitability and sustainability of natural infrastructure to support the current and future Army mission:**
  - Land: Space and Quality for Realistic Training
  - Water: Supply and Discharge to Support Troops and Families
  - Air: Space for training and Air Quality for industrial ops

ISR Natural Infrastructure Potential Benefits

- Comprehensive installation management (Built/Natural Infrastructures, Mission Support & Sustainability).
- Assessing installation NI assets to meet current/future mission needs
- Supports repositioning analysis (what if drills)
- Identifying trends in condition and availability
- Ability to auto populate from existing feeder systems (data consistency)
- Risk-based priority for addressing mitigation measures
- GIS-R links (Spatial data)
- Dash board views for Senior-Leadership
- Supports costing BASOPs and Mission Projects
- Encroachment issues and report to Congress
- Assured data integrity and reliability
- Sustainable operations
- Potential for real-time updates
- Except initial year, data entry will not be a burden to

ISR Natural Infrastructure – Specific Benefits to the Garrison Commander

- **Provides mission support indicators related to installation's natural infrastructure capability – for example:**
  - Ability of existing land to support current/future training
  - Condenses many individual sources of existing environmental and infrastructure information data into an 'early warning system' that provides visibility of potential mission impacts BEFORE they occur
  - Provides the ability to perform 'what-if' scenarios to help the GC and staff make resourcing and investment decisions
  - Allows for trend analyses and tracking of results to see whether or not investments decisions 'pay off' (e.g., standards can be compared over quarters, years, etc. to see if situation is improving or worsening)

Assessment Methods

1. Program Areas
   - Mission Support
   - Sustainability
   - Environmental Quality

Each program area is assessed for Condition Rating (C-rating)

C1 C2 C3 C4

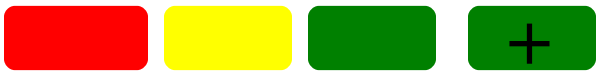
2. Resource Categories
   - Land
   - Water
   - Air, Energy….

Each Resource Category is assessed for Condition Rating (C-rating)

C1 C2 C3 C4

3. Standards

Every standard responses are assessed for color rating (RAG G+)



ISR Natural Infrastructure Readiness Summary

Data Year: 2006 – Aberdeen Pvg Gnd

	Aberdeen Pvg Gnd	Resource Category					
ISR Natural Infrastructure	C1 C2 C3						
Program Area							
Mission Support	C1	Land C2	Water C2	Air C1	Energy C1		
Sustainability	C2	Land C2	Water C1	Air C2	Energy C1	Implementation & Operation C2	Regulatory & Community Relations C1
Environmental Quality	C3	Land C3	Water C3	Air C2	Materials Management C3	Implementation & Operation C3	

Legend

Readiness: MS | SU | EQ

C1	MS: G >= 95% and R <= 1% SU: G >= 50% EQ: G >= 95% and R <= 1%	C2 MS: G >= 80% and R <= 5% SU: A < 50% EQ: G >= 80% and R <= 5%
C3	MS: G<80% or R > 5% SU: NA EQ: G<80% or R > 5%	C4 MS: R >25% SU: NA EQ: R >25%
C5	Installations in transition	NA No Rating

ISR Natural Infrastructure Way Ahead

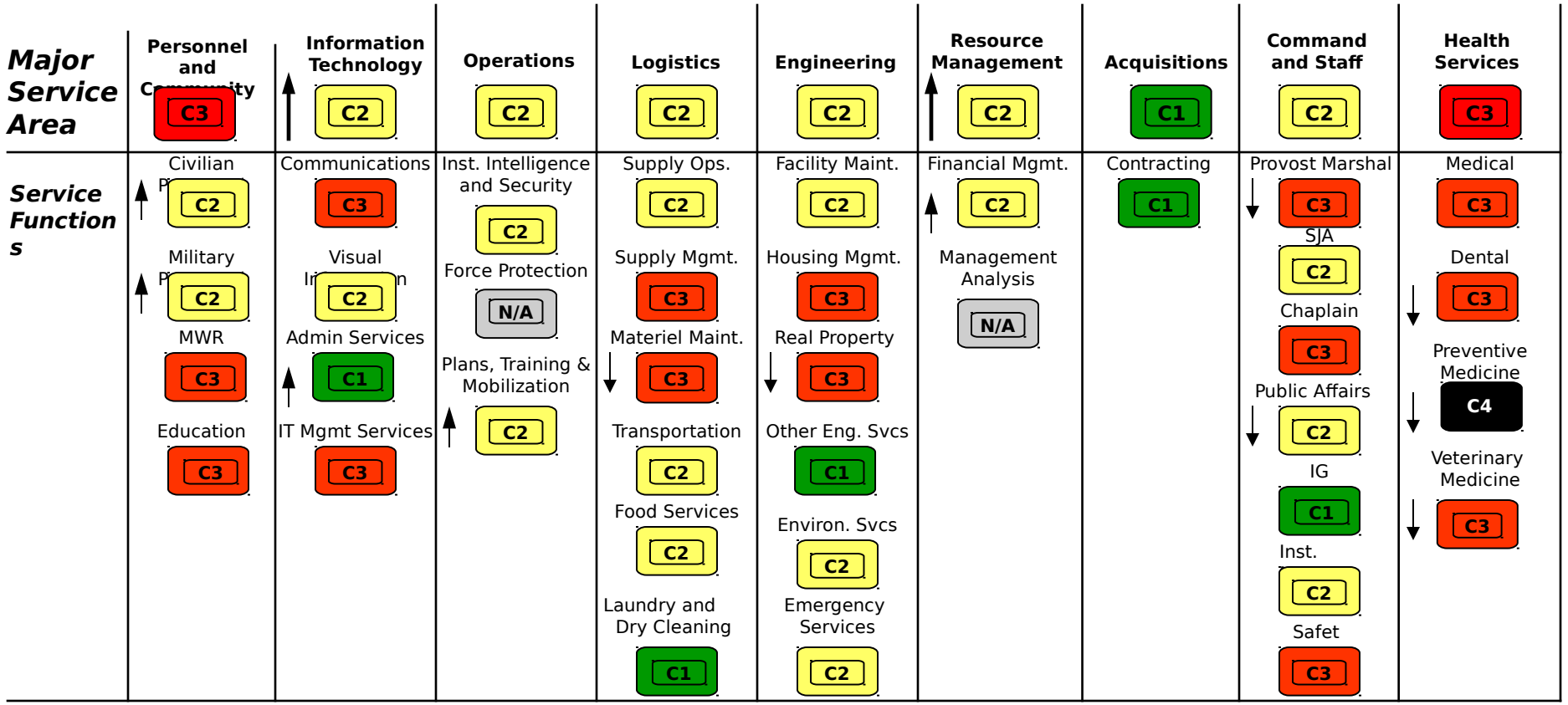
- Continue Validation of Tool at Select MACOM and IMA Installations in FY06 to Target Different Installation Missions and Collect Feedback from Users
- Overseas Pilot 8-12 May 2006 (Hohenfels)
- Incorporate Feedback (AAR Jul 06)
- Plan to Implement in FY07 Pending ACSIM Approval

ISR Services

- Focus Army future installation investments in services that affect capabilities in power projection, training, home to the force and the quality of life
- Provide HQDA, ARNG, Region and installation decision makers with an evaluation of the quality of installation support services
- Provide information that can assist with the development of management approaches and policy decisions concerning installation support services
- Provide information that can affect both installation strategic planning and justification of resource allocations to support installation services and programs.

2005 ISR Services

Army Status Results



N/A — Not Applicable

C1 — Meets or exceeds Unit/Activity needs and Army Standards; Has very minor, if any, deficiencies; and Fully supports mission performance.

C2 — Meets Unit/Activity needs and partly meets Army Standards; Has minor deficiencies; and Supports majority of assigned missions.

Rating declined from previous year.

C3 — Meets the majority of Unit/Activity needs, does not meet any Army Standards; Has some deficiencies; and Delivery impairs mission performance/reqs.

C4 — Does not meet Unit/Activity needs or Army Standards; Has major deficiencies; and Delivery significantly impairs mission performance/reqs.

Rating improved from previous year.

ISR Data Use at Installations

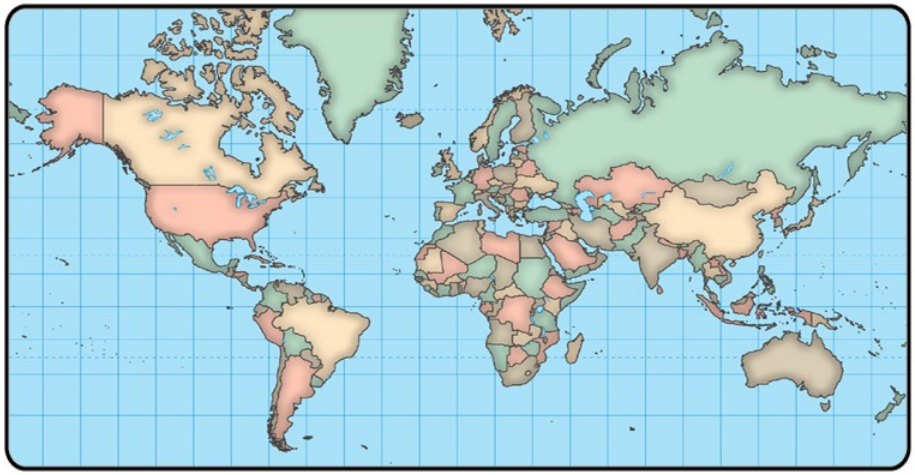
- Informs Installation leadership about the status of installation Facilities, Environmental Programs, and Services.
- Provides a standard data system to support the decision-making process for:
  - Operations: **Where are the worst facilities? What are the deficient services? Are environmental issues impacting the installation?**
  - Sustainment: **How much money should be put where? What kinds of projects are there?**
  - Modernization: **Which facilities are most in need of modernization?**
  - Revitalization: **Which facilities really need to be replaced? What services should be focused on?**
  - Restationing: **ISR is a companion to master planning tools. It allows installations to consider the quality/quantity of existing facilities, services and environmental impacts in support of restationing actions.**

ISR Data Use at Installations

How Some Installations Use the Data

- Quarterly assessment briefings:
  - Compare installation objectives to Region and Army objectives
  - Determine status in obtaining a desired level of success
- Benchmark tool for installations
- Measure accomplishment of Executive Steering Committee (ESC) strategic goals
- Sustain and modernize installation infrastructure, systems and processes enhancing readiness and improving the quality of life
- Measure attainment of Quality Management Board (QMB) objectives

Special Considerations



- ARNG and USAR

  - Considers their special circumstances

- ARNG

  - Not all services have matching equivalents, i.e., utility bills or state funded employee programs
  - State owned and maintained facilities